

**KATHMANDU UPATYAKA KHANEPANI LIMITED**  
**Water / Waste Water Quality Assurance Division , Mahankalchaur**  
**Laboratory Record Of Chemical & Bacteriological Analysis Of Water**  
**Ashadh, 2075**

S.No.	Date	Branch	Location	Sample taken	Turbidity	Colour	p <sup>H</sup>	E.C.	Total Alkalinity	Total Hardness	Total Iron	Total Ammonia	Chloride	F.R.C.	Total Coliform	Remarks
Units					(NTU)	(TCU)		µs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	/100ml	
National Drinking Water Quality Standard (NDWQS)					5 (10)	5 (15)	6.5-8.5	1500		500	0.3 (3)	1.5	250	0.1-0.2	0 in 95% Samples	
1	2075/03/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	84	16	22	0.2	0.02	9.6	0.9	Nil	satisfactory
2	2075/03/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	57	22	16	0.1	0.02	5.76	0.7	Nil	satisfactory
3	2075/03/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	54	22	16	0.1	0.02	5.76	0.6	Nil	satisfactory
4	2075/03/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	62	14	18	0.1	0.02	11.52	0.5	Nil	satisfactory
5	2075/03/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.5	77	32	22	0.1	0.02	5.76	0.7	Nil	satisfactory
6	2075/03/04	Mahankalchaur	Bansbari WTP	Treated	Clear/<5	<5	6.9	65	12	16	0.1	0.02	11.52	0.5	Nil	satisfactory
7	2075/03/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	51	22	18	0.1	0.02	5.76	0.6	Nil	satisfactory
8	2075/03/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	57	14	16	0.1	0.02	9.6	0.4	Nil	satisfactory
9	2075/03/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	46	20	16	0.1	0.02	5.76	0.7	Nil	satisfactory
10	2075/03/05	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.4	323	124	134	0.1	0.02	7.68	0.9	Nil	satisfactory
11	2075/03/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	53	14	18	0.1	0.02	5.76	0.8	Nil	satisfactory
12	2075/03/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	57	22	16	0.1	0.02	5.76	0.8	Nil	satisfactory
13	2075/03/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	51	14	16	0.1	0.02	5.76	0.6	Nil	satisfactory
14	2075/03/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	54	24	18	0.1	0.02	5.76	0.7	Nil	satisfactory
15	2075/03/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	48.7	14	12	0.1	0.02	5.76	0.5	Nil	satisfactory
16	2075/03/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	75	32	24	0.1	0.02	5.76	0.7	Nil	satisfactory
17	2075/03/08	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	6.9	338	124	136	0.1	0.02	9.6	0.5	Nil	satisfactory
18	2075/03/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	80	36	26	0.1	0.02	5.76	0.7	Nil	satisfactory
19	2075/03/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	81	22	18	0.1	0.02	9.6	0.9	Nil	satisfactory
20	2075/03/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	78	34	24	0.1	0.02	5.76	0.7	Nil	satisfactory
21	2075/03/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	60	14	16	0.1	0.02	5.76	0.9	Nil	satisfactory
22	2075/03/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	82	36	24	0.1	0.02	5.76	0.7	Nil	satisfactory
23	2075/03/11	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.1	344	126	132	0.1	0.02	7.68	0.7	Nil	satisfactory
24	2075/03/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	97	10	24	0.1	0.02	13.44	0.9	Nil	satisfactory

25	2075/03/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	57	22	16	0.1	0.02	5.76	0.6	Nil	satisfactory
26	2075/03/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	76	12	22	0.1	0.02	7.68	0.9	Nil	satisfactory
27	2075/03/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.5	74	14	20	0.1	0.02	5.76	0.6	Nil	satisfactory
28	2075/03/14	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.1	331	118	126	0.1	0.02	7.68	0.7	Nil	satisfactory
29	2075/03/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	54	18	16	0.1	0.02	7.68	0.9	Nil	satisfactory
30	2075/03/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	56	22	16	0.1	0.02	5.76	0.7	Nil	satisfactory
31	2075/03/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	47	18	14	0.1	0.02	5.76	0.7	Nil	satisfactory
32	2075/03/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	59	20	16	0.1	0.02	7.68	0.6	Nil	satisfactory
33	2075/03/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	53	20	16	0.1	0.02	5.76	0.7	Nil	satisfactory
34	2075/03/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	51	10	10	0.1	0.02	14	0.4	Nil	satisfactory
35	2075/03/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	81	26	20	0.1	0.02	9.6	0.6	Nil	satisfactory
36	2075/03/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	42	6	8	0.1	0.02	8	0.9	Nil	satisfactory
37	2075/03/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	45	20	16	0.1	0.02	5.76	0.6	Nil	satisfactory
38	2075/03/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	325	82	78	0.1	3.2	23	0.5	Nil	satisfactory
39	2075/03/19	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	6.9	312	104	120	0.1	0.02	7.68	0.5	Nil	satisfactory
40	2075/03/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	99	22	28	0.1	0.02	11.52	0.6	Nil	satisfactory
41	2075/03/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	47	18	14	0.1	0.02	5.76	0.7	Nil	satisfactory
42	2075/03/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	50	14	18	0.1	0.02	5.76	0.8	Nil	satisfactory
43	2075/03/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	278	96	72	0.1	2.8	13.44	0.5	Nil	satisfactory
44	2075/03/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	53	20	14	0.1	0.02	5.76	0.7	Nil	satisfactory
45	2075/03/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	64	14	20	0.1	0.02	7.68	0.6	Nil	satisfactory
46	2075/03/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	48	18	14	0.1	0.02	5.76	0.7	Nil	satisfactory
47	2075/03/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	44	18	14	0.1	0.02	5.76	0.7	Nil	satisfactory
48	2075/03/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	<5	6.7	51	14	18	0.1	0.02	5.76	0.3	Nil	satisfactory
49	2075/03/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	266	78	50	0.3	3.0	17.28	0.3	Nil	satisfactory
50	2075/03/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	18	14	0.1	0.02	5.76	0.7	Nil	satisfactory
51	2075/03/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	52	16	18	0.1	0.02	5.76	0.5	Nil	satisfactory
52	2075/03/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	50	22	14	0.1	0.02	5.76	0.7	Nil	satisfactory
53	2075/03/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	66	14	16	0.2	0.02	13.44	0.6	Nil	satisfactory
54	2075/03/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	40	18	14	0.1	0.02	3.84	0.7	Nil	satisfactory
55	2075/03/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	48	10	14	0.3	0.02	7.68	0.2	Nil	satisfactory
56	2075/03/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	44	18	14	0.1	0.02	3.84	0.7	Nil	satisfactory
57	2075/03/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	78	20	24	0.2	0.02	7.68	0.4	Nil	satisfactory
58	2075/03/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.9	59	20	16	0.2	0.02	9.6	0.6	Nil	satisfactory
59	2075/03/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	75	20	30	0.1	0.02	9.6	0.7	Nil	satisfactory
60	2075/03/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	16	12	0.1	0.02	3.84	0.6	Nil	satisfactory

61	2075/03/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	34	14	12	0.1	0.02	3.8	0.7	Nil	satisfactory
62	2075/03/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	61	14	20	0.2	0.02	11.52	0.7	Nil	satisfactory
63	2075/03/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.9	34	14	12	0.1	0.02	3.84	0.7	Nil	satisfactory
64	2075/03/31	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	272	70	76	0.9	2.4	23	0.3	Nil	satisfactory
65	2075/03/32	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	46	16	14	0.3	0.02	5.76	0.7	Nil	satisfactory
66	2075/03/32	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	40	14	12	0.1	0.02	5.76	0.6	Nil	satisfactory